

UNIT-ATTRIBUTES

File	6
Op-Sys	OS/390, VSE/ESA
Statement	FIND
Task	Retrieve information relating to devices, for example, unit address, device, device type, online/offline status, free cylinders.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N3		D	
NODE-NAME	A16		D	
UNIT-HEX	B2		D	
UNIT	A4		D	
VOLSER	A6		D	
CLASS	A4		D	
DEVICE-STATUS	A7		D	
SERIES	A6		D	
VOLUME-STATUS	A8		D	
DCB-COUNT	N3		D	
ACTIVITY	A9		D	
DEVICE-TYPE	B4		D	
DENSITY	A9		D	
UCB-ADDRESS	B4		D	

Additional Fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
CONTIG-CYLINDERS	N5		D	
CONTIG-TRACKS	N4		D	
FREE-CYLINDERS	N5		D	
FREE-EXTENTS	N4		D	
FREE-TRACKS	N4		D	
MOUNT-STATUS	A10		D	
SMS	A3		D	
TOTAL-CYLINDERS	N5		D	
TRACKS-PER-CYLINDER	N3		D	
VTOC-TYPE	A1		D	

Field Descriptions

Field Name	Type/Length	Operating System
ACTIVITY	(A9)	OS/390, VSE/ESA

Activity of device. Possible values:

Value	Explanation
ALLOCATED	Device allocated.
BUSY	Device busy.

Field Name	Type/Length	Operating System
CLASS	(A4)	OS/390, VSE/ESA

The device class. Possible values:

Value	Explanation
COMM	Communications.
CTCA	Channel-to-channel adapter.
DASD	Direct access.
DISP	Display station.
TAPE	Tape.
UREC	Unit record.

Field Name	Type/Length	Operating System
CONTIG-CYLINDERS	(N5)	OS/390

Number of cylinders in largest free extent.

Field Name	Type/Length	Operating System
CONTIG-TRACKS	(N4)	OS/390

Number of tracks in largest free extent (in addition to CONTIG-CYLINDERS).

Field Name	Type/Length	Operating System
DCB-COUNT	(N3)	OS/390, VSE/ESA

Number of DCBs currently open on the unit.

Field Name	Type/Length	Operating System
DENSITY	(A9)	OS/390, VSE/ESA

Tape density. Possible values:

Value	Explanation
800	Bits per inch (bpi)
800/1600	" " " "
1600	" " " "
1600/6250	" " " "
6250	" " " "

Field Name	Type/Length	Operating System
DEVICE-STATUS	(A7)	OS/390, VSE/ESA

Possible values:

Value	Explanation
CHANGE	Status changing.
OFFLINE	Device is offline.
ONLINE	Device is online.

Field Name	Type/Length	Operating System
DEVICE-TYPE	(B4)	OS/390, VSE/ESA

UCBTYP device type internal code.

Field Name	Type/Length	Operating System
FREE-CYLINDERS	(N5)	OS/390

Number of free cylinders on disk pack.

Field Name	Type/Length	Operating System
FREE-EXTENTS	(N4)	OS/390

Number of free extents on disk pack.

Field Name	Type/Length	Operating System
FREE-TRACKS	(N4)	OS/390

Number of free tracks (in addition to FREE-CYLINDERS).

Field Name	Type/Length	Operating System
MOUNT-STATUS	(A10)	OS/390

Possible values:

- MOUNT PEND
- NOT READY
- REMOVABLE
- RESERVED
- RESIDENT

Field Name	Type/Length	Operating System
SERIES	(A6)	OS/390, VSE/ESA

Device series, for example, 3330-1.

Field Name	Type/Length	Operating System
SMS	(A3)	OS/390

Whether device is SMS-managed. Possible values:

- NO
- YES

Field Name	Type/Length	Operating System
TOTAL-CYLINDERS	(N5)	OS/390

Total number of cylinders on disk pack.

Field Name	Type/Length	Operating System
TRACKS-PER-CYLINDER	(N3)	OS/390

Number of tracks per cylinder.

Field Name	Type/Length	Operating System
UCB-ADDRESS	(B4)	OS/390, VSE/ESA

Memory address of unit control block for unit.

Field Name	Type/Length	Operating System
UNIT	(A4)	OS/390, VSE/ESA

Unit address in EBCDIC.

Field Name	Type/Length	Operating System
UNIT-HEX	(B2)	OS/390, VSE/ESA

Binary device number, used for comparisons (X'12A' > X'120', but '12A' < '120').

Field Name	Type/Length	Operating System
VOLSER	(A6)	OS/390, VSE/ESA

Volume serial number currently mounted on the unit.

Field Name	Type/Length	Operating System
VOLUME-STATUS	(A8)	OS/390, VSE/ESA

Possible values:

OS/390:	PRIVATE PUBLIC STORAGE
VSE/ESA:	SYSRES (system-resident)

Field Name	Type/Length	Operating System
VTOC-TYPE	(A1)	OS/390

Type of VTOC. Possible values:

Value	Explanation
I	Indexed.
N	Normal.